

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A plasma display panel driven by plural subfields forming one field,

the subfields comprising:

a writing period during which writing discharging occurs in discharge cells to be displayed; and

a sustaining period during which sustain discharging occurs in the discharging cells in which the writing discharging occurs during the writing period,

the plasma display panel comprising:

a first substrate;

plural pairs of display electrodes, each pair consisting of a scanning electrode and a sustain electrode which are arranged parallel to each other on the first substrate;

a second substrate disposed opposite to the first substrate such that a discharge space is formed between the first substrate and the second substrate; and

plural data electrodes disposed on the second substrate in a direction perpendicular to the display electrodes, the plural data electrodes including a middle portion having a first constant width, opposite end portions having a second constant width, and respective tapered portions extending from the middle portion to each of the end portions; portions; and

a plurality of barrier ribs arranged parallel to the plural data electrodes such that respective ones of the discharge cells are formed between adjacent two of the barrier ribs,

wherein the second constant width is greater than the first constant width by a factor of more than 1.0 and not more than 1.5,

the second constant width is not more than a half of a spacing between the adjacent two of the barrier ribs,

respective ones of the discharge cells include a phosphor operable to emit a blue color, a phosphor operable to emit a red color, or a phosphor operable to emit a green color, and

the opposite end portions of the data electrode corresponding to the respective one of the discharge cells including the phosphor operable to emit the blue color are wider than the opposite end portions of the data electrode corresponding to the respective one of the discharge cells including the phosphor operable to emit the red color.

2. (Cancelled)

3. (Previously Presented). The plasma display panel of claim 1, wherein the data electrode increases in width continuously from the central portion of the second substrate toward the peripheral portion of the second substrate.

4.-10. (Cancelled).

11. (Previously Presented) A plasma display panel driven by plural subfields forming one field,

the subfields comprising:

a writing period during which writing discharging occurs in discharge cells to be displayed; and

a sustaining period during which sustain discharging occurs in the discharging cells in which the writing discharging occurs during the writing period,

the plasma display panel comprising:

a first substrate;

plural pairs of display electrodes, each pair consisting of a scanning electrode and a sustain electrode which are arranged parallel to each other on the first substrate;

a second substrate disposed opposite to the first substrate such that a discharge space is formed between the first substrate and the second substrate;

a plurality of barrier ribs such that the barrier ribs are arranged parallel to the data electrodes and respective ones of the discharge cells are formed between adjacent two of the barrier ribs; and

plural data electrodes disposed on the second substrate in a direction perpendicular to the display electrodes, the plural data electrodes including a middle portion having a first constant width, opposite end portions having a second constant width, and respective tapered portions extending from the middle portion to each of the end portions,

wherein the second constant width is not more than a half of a spacing between the adjacent two of the barrier ribs,

respective ones of the discharge cells include a phosphor operable to emit a blue color, a phosphor operable to emit a red color, or a phosphor operable to emit a green color, and

the opposite end portions of the data electrode corresponding to the respective one of the discharge cells including the phosphor operable to emit the blue color are wider than the opposite end portions of the data electrode corresponding to the respective one of the discharge cells including the phosphor operable to emit the red color.

Application No.: 10/594,161
Amendment Dated: January 9, 2012
Reply to Office Action of: October 7, 2011

MAT-8897US

12. (Previously Presented) The plasma display panel of claim 11, wherein the data electrode increases in width continuously from the central portion of the second substrate toward the peripheral portion of the second substrate.